

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-006619

(43)Date of publication of application : 11.01.2000

(51)Int. CI.

B60C 11/12

B60C 11/11

(21)Application number : 11-113322

(71)Applicant : BRIDGESTONE CORP

(22)Date of filing : 21.04.1999

(72)Inventor : KATAYAMA MASAHIRO

(30)Priority

Priority
number :

10112492

Priority
date :

22.04.1998

Priority
country :

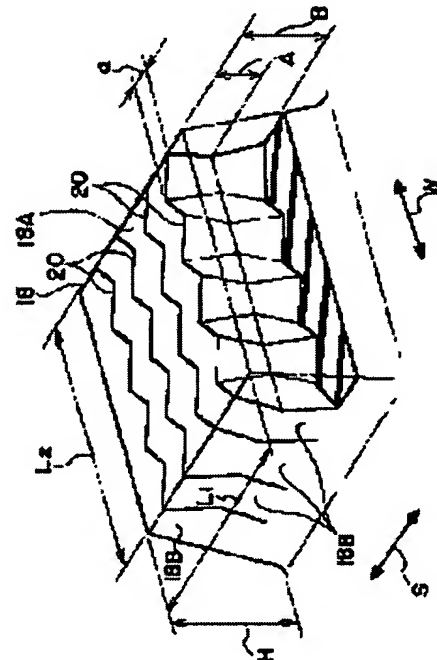
JP

(54) PNEUMATIC TIRE

(57)Abstract:

PROBLEM TO BE SOLVED: To improve wet grip performance, brake on the ice, driving performance and uneven wear resisting performance by restraining a pneumatic tire from having its grounding property deterioration when the number of sipes are increased.

SOLUTION: A block-shaped land part 18 is formed with a plurality of sipes 20 zigzag extending along the tire in the cross direction. The sipes 20 being varied of its amplitude in the depth direction, the sipe wall contacting area becomes larger as compared with the sipes extending straight in the depth direction. Also because the amplitude of the sipe 20 is varied, the opposing sipe walls easily come into contact with each other only by the block-shaped land part 18 receiving compressional deformation by the sipe walls inclining. For this reason, sipe contacting force comes still more stronger when the block deforms and the block-shaped land part 18 can be restrained from collapsing more effectively than the conventional ones at the time of braking drive when the number of sipes are increased, which serve to improve wet grip performance, on-the-ice-braking and uneven wear resisting performance.



LEGAL STATUS

[Date of request for examination] 21.12.2005

[Date of sending the examiner's
decision of rejection][Kind of final disposal of application
other than the examiner's decision of

rejection or application converted
registration]
[Date of final disposal for
application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's
decision of rejection]
[Date of requesting appeal against
examiner's decision of rejection]
[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office